

ABSTRACT

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"ELECTRORHEOLOGICAL CLUTCH"

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An electrorheological clutch comprises drive and driven members that selectively engage by the application of a voltage to an electrorheological fluid (ER) provided between the driven and driven members. The drive and driven members are formed with axially-oriented surfaces that define between them axially-oriented spaces for the ER fluid so as to minimise problems with settlement of the ER particles.

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